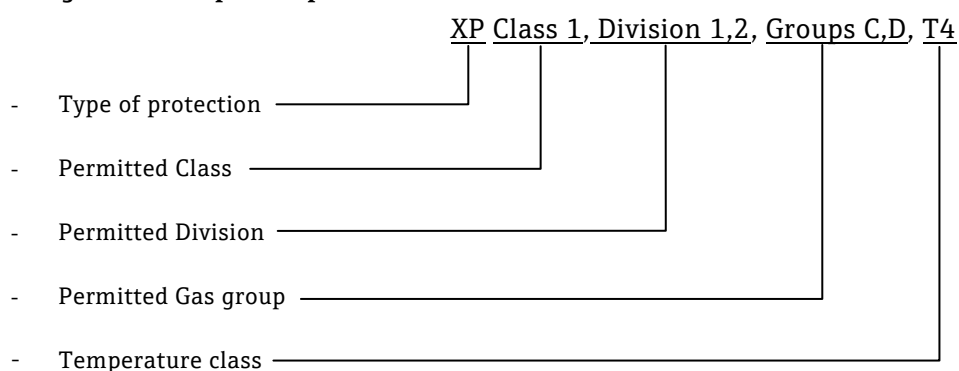


**Safety instructions for electrical apparatus certified
 for use in explosion-hazardous areas**

Digital transmitter TMD1

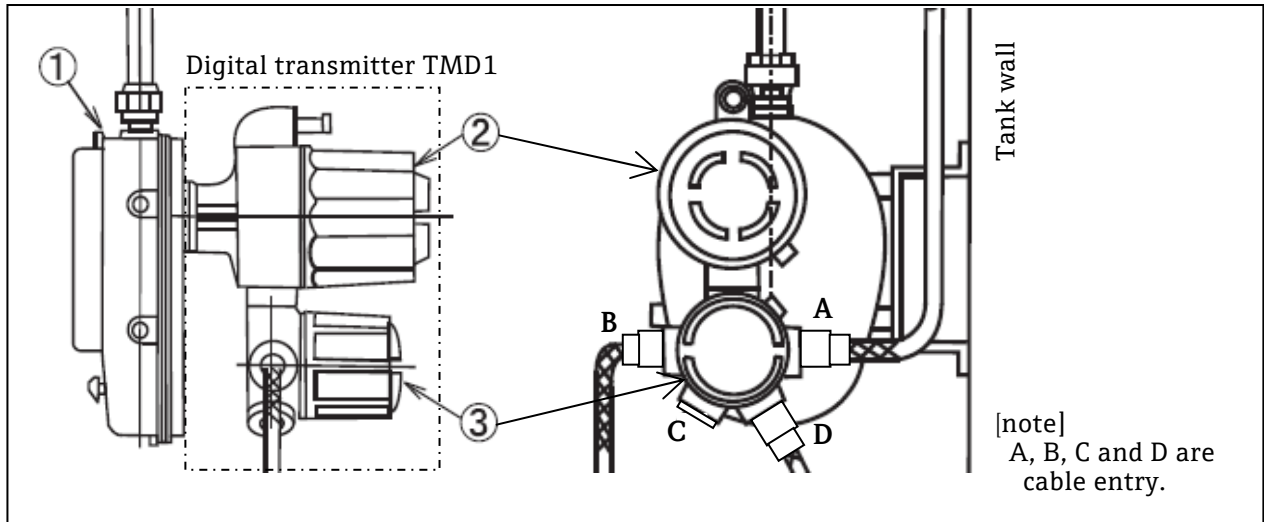
Certificate number: FM16US0252X

Designation of explosion protection:



	Flammable Material Present Continuously	Flammable Material Present Intermittently	Flammable Material Present Abnormally
NEC® 500	Division 1		Division 2

Overview of TMD1- install to float level gauge



Detail of mount a TMD1 to float level gauge shall be refer to “Operating instructions ” BA00427G/08/en.

External connection

Warning!

Terminal arrangement and internal wiring of TMD1 is different by each ordered specifications. Therefore, when external equipments connect to TMD1, should be confirmed the terminal arrangement by the Technical Specification of the each ordered specification.

The cable or the wire shall be suitable for at least 65°C.

Safety notes for installation and operation in hazardous areas:

- 1) Installation should be in accordance with the NEC® NFPA70(NEC) and other valid standards and guidelines.
- 2) Do not open the terminal box cover and/or electric compartment cover under voltage in explosive atmospheres.
- 3) Optical connector unit;
 - Do not open the cover of optical connector unit other than connect with hand held terminal.
 - Close the cover after work to use a hand held terminal was finished.
 - Must be closed the cover of optical connector unit when normal operation.
 - If the optical connector unit is broken and necessary to exchange it, please contact to Endress+Hauser.
 - Must not remove the optical connector unit and circumference end pin.

Applied standards:

Class 3600, Class 3615, Class 3810,
ANSI/NEMA 250, ANSI/IEC 60529

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